

HEXABROMOCYCLODODECANE (MIXTURE OF ISOMERS)

1413

October 2001

CAS No: 25637-99-4

RTECS No:

Cyclododecane, hexabromo-isomers

$C_{12}H_{18}Br_6$

Molecular mass: 641.7

| TYPES OF HAZARD/ EXPOSURE | ACUTE HAZARDS/SYMPTOMS | PREVENTION | FIRST AID/FIRE FIGHTING |
|---------------------------|------------------------|--|---|
| FIRE | Not combustible. | | In case of fire in the surroundings: use appropriate extinguishing media. |
| EXPLOSION | | | |
| EXPOSURE | | AVOID ALL CONTACT! | |
| Inhalation | | Ventilation. Local exhaust. | Fresh air, rest. |
| Skin | | Protective gloves. Protective clothing. | Rinse skin with plenty of water or shower. |
| Eyes | | Safety spectacles. | First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor. |
| Ingestion | | Do not eat, drink, or smoke during work. Wash hands before eating. | Rinse mouth. |

SPILLAGE DISPOSAL

Sweep spilled substance into covered containers.

PACKAGING & LABELLING

EMERGENCY RESPONSE

STORAGE

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IMPORTANT DATA

Physical State; Appearance

WHITE SOLID IN VARIOUS FORMS.

Occupational exposure limitsTLV not established.
MAK not established.**Routes of exposure**

The substance can be absorbed into the body by inhalation.

Inhalation risk

A nuisance-causing concentration of airborne particles can be reached quickly when dispersed, especially if powdered.

Effects of long-term or repeated exposure

Repeated or prolonged contact may cause skin sensitization.

PHYSICAL PROPERTIES

Boiling point (decomposes): 230°C
Melting point: 178-183°C
Density: 1050 kg/m³Solubility in water, g/100 ml at 20°C: 0.002
Vapour pressure, Pa at 20°C: 0.0002 (calculated)
Octanol/water partition coefficient as log Pow: 7.59 (calculated)

ENVIRONMENTAL DATA

Bioaccumulation of this chemical may occur along the food chain, for example in fish. The substance may cause long-term effects in the aquatic environment.

NOTES

ADDITIONAL INFORMATION

LEGAL NOTICE

Neither the EC nor the IPCS nor any person acting on behalf of the EC or the IPCS is responsible for the use which might be made of this information